

APRIL/MAY 2025

23USMB24 — SERICULTURE (SEC III)

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. What is sericulture?
2. Specify any two species of mulberry plant.
3. Give scientific name for silkworm .
4. Differentiate both silkworm stages of larvae and moth.
5. Define commensalism.
6. What is muscardine disease?
7. What is cocoon?
8. Write about rearing of silk moth.
9. Write about the EDP program.
10. Write an account of environmental control in sericulture.



SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Discuss the role of Mulberry plant in sericulture.

Or

- (b) Discuss economical importance of sericulture in India.

12. (a) Explain about the characteristic features of silkworm.

Or

- (b) What is the morphology of silk worm larvae development?

13. (a) Discuss any two mulberry silkworm diseases.

Or

- (b) Brief account of pests and predators of silkworms.

14. (a) Explain the process of rearing of silkworm.

Or

- (b) Specify the value added products of mulberry and silkworm.

15. (a) Detailed account on planning for entrepreneurship and development program of sericulture.

Or

- (b) Discuss the subsidiary facilities of EDP in sericulture.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Brief account of mulberry plant cultivation and protection.

17. Explain the life cycle of silkworm.

18. Detailed account of bacterial and viral diseases.

19. Discuss – cocoon assessment and processing technologies.

20. What are the facilities required to start sericulture business?

